

***Pertusaria erubescens* (Taylor) Nyl., *Mém. Soc. Sci. Nat. Cherbourg* 5: 117 (1858)**

*Urceolaria erubescens* Taylor, *London J. Bot.* 3: 640 (1844). T: Port Louis, Falkland Islands, [1842], *J.D.Hooker*; syn: BM, H-NYL 23560, 23561.

*Pertusaria perfida* Nyl., *Flora* 48: 339 (1865). T: Otago, New Zealand; *W.L.Lindsay s.n.*; lecto: E, *fide* D.J.Galloway, *Fl. New Zealand Lichens* 378 (1985); isolecto: H-NYL 23573, 23737.

*Pertusaria concava* Müll.Arg., *Bull. Herb. Boissier* 3: 640 (1895). T: Grampians, Vic., 1894, *D.Sullivan s.n.*; holo: G.

Illustration: A.W.Archer, *Biblioth. Lichenol.* 69: 183, fig. 71 (1997).

Thallus off-white to pale grey, areolate and cracked, smooth and dull. Soredia and isidia absent. Apothecia numerous, scattered, disciform, concolorous with the thallus, 0.4–0.7 mm diam.; disc black, epruinose or slightly white-pruinose. Ascospores 8 per ascus, irregularly uniseriate, ellipsoidal, smooth, 30–40 (–47) × 17–25 µm.

*Chemistry*: Thallus K+ yellow then red, KC–, C–, Pd+ yellow; containing norstictic acid (major) and connorstictic acid (trace).

Occurs in southern N.S.W. and Vic., usually inland and on granite at altitudes of 300–1750 m; also in South Africa, New Zealand, the Falkland Islands and Antarctica.

N.S.W.: Dora Dora S.F., 18 km SE of Holbrook, *J.A.Elix 23008* (CANB); Tinderry Mtns, 11 km ESE of Michelago, *D.Verdon 2070* (CANB). Vic.: Mt Cope, Alpine Natl Park, *J.A.Elix 40690* (CANB); Lookout Hill, 1.5 km E of Myrtleford, *H.Streimann 35931* (CANB, H).

*Pertusaria erubescens* is characterised by 8-spored asci and the presence of norstictic acid. The chemically similar New Zealand species *P. erumpescens* Nyl. has verruciform rather than disciform apothecia.